

## STIC Biotechnology Systems Branch

### RAW SEQUENCE LISTING ERROR REPORT

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Application Serial Number: 09/137,822  
Source: IFW16  
Date Processed by STIC: 8/19/05

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- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

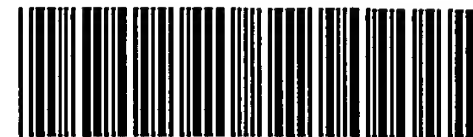
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Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>) , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street.  
Alexandria, VA 22314

Revised 01/24/05



IFW16

## RAW SEQUENCE LISTING

DATE: 08/19/2005

PATENT APPLICATION: US/09/137,822

TIME: 15:07:31

Input Set : A:\43930aen.app

Output Set: N:\CRF4\08182005\I137822.raw

*see  
pg 3-4*

## SEQUENCE LISTING

4 (1) GENERAL INFORMATION:

C--> 7 (i) APPLICANT: Boehringer Mannheim GmbH

W--> 15 (ii) TITLE OF INVENTION: Small Triplex Forming PNA Oligos

17 (iii) NUMBER OF SEQUENCES: 8

W--> 8 (B) STREET: Sandhoferstr. 116

9 (C) CITY: Mannheim

10 (E) COUNTRY: De

C--> 11 (F) ZIP: 68305

C--> 19 (v) COMPUTER READABLE FORM:

20 (A) MEDIUM TYPE: Floppy disk

21 (B) COMPUTER: IBM PC compatible

22 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

23 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

C--> 0 (vi) CURRENT APPLICATION DATA:

C--> 0 (A) APPLICATION NUMBER: US/09/137,822

C--> 0 (B) FILING DATE: 21-Aug-1998

C--> 0 (ix) TELECOMMUNICATION INFORMATION:

C--> 12 (A) TELEPHONE: 0621 759 4348

C--> 13 (B) TELEFAX: 0621 759 4457

26 (2) INFORMATION FOR SEQ ID NO: 1:

28 (i) SEQUENCE CHARACTERISTICS:

29 (A) LENGTH: 12 base pairs

30 (B) TYPE: nucleic acid

31 (C) STRANDEDNESS: single

32 (D) TOPOLOGY: linear

34 (ii) MOLECULE TYPE: other nucleic acid

35 (A) DESCRIPTION: /desc = "Oligodeoxyribonucleotide"

40 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

42 TCCAGAAGAT AC 12

44 (2) INFORMATION FOR SEQ ID NO: 2:

46 (i) SEQUENCE CHARACTERISTICS:

47 (A) LENGTH: 16 base pairs

48 (B) TYPE: nucleic acid

49 (C) STRANDEDNESS: single

50 (D) TOPOLOGY: linear

52 (ii) MOLECULE TYPE: other nucleic acid

53 (A) DESCRIPTION: /desc = "Oligodeoxyribonucleotide"

58 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

60 CGTCCAGAAG ATACCG 16

62 (2) INFORMATION FOR SEQ ID NO: 3:

64 (i) SEQUENCE CHARACTERISTICS:

65 (A) LENGTH: 16 base pairs

*see  
p. 4*

*Does Not Comply for error  
corrected Diskette Needed*

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/137,822

DATE: 08/19/2005

TIME: 15:07:31

Input Set : A:\43930aen.app

Output Set: N:\CRF4\08182005\I137822.raw

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66      (B) TYPE: nucleic acid
67      (C) STRANDEDNESS: single
68      (D) TOPOLOGY: linear
70      (ii) MOLECULE TYPE: other nucleic acid
71      (A) DESCRIPTION: /desc = "Oligodeoxyribonucleotide"
76      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
78 CGTGCAGAAG ATACCG                                     16
80 (2) INFORMATION FOR SEQ ID NO: 4:
82      (i) SEQUENCE CHARACTERISTICS:
83          (A) LENGTH: 40 base pairs
84          (B) TYPE: nucleic acid
85          (C) STRANDEDNESS: single
86          (D) TOPOLOGY: linear
88      (ii) MOLECULE TYPE: other nucleic acid
89      (A) DESCRIPTION: /desc = "Oligodeoxyribonucleotide"
94      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
96 GCTTG TAGTC CTGCTTGAGA GAACGTGCGG GCGATTGCCC         40
98 (2) INFORMATION FOR SEQ ID NO: 5:
100     (i) SEQUENCE CHARACTERISTICS:
101         (A) LENGTH: 40 base pairs
102         (B) TYPE: nucleic acid
103         (C) STRANDEDNESS: single
104         (D) TOPOLOGY: linear
106     (ii) MOLECULE TYPE: other nucleic acid
107     (A) DESCRIPTION: /desc = "Oligodeoxyribonucleotide"
112     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
114 GCTTG TAGTC CTGCTTGAGA TGAACGTGCG GGCGATTGTC         40
116 (2) INFORMATION FOR SEQ ID NO: 6:
118     (i) SEQUENCE CHARACTERISTICS:
119         (A) LENGTH: 22 base pairs
120         (B) TYPE: nucleic acid
121         (C) STRANDEDNESS: single
122         (D) TOPOLOGY: linear
124     (ii) MOLECULE TYPE: other nucleic acid
125     (A) DESCRIPTION: /desc = "Oligodeoxyribonucleotide"
130     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
132 CTTGTGGTGG AAAGCTTTTG CG                               22
134 (2) INFORMATION FOR SEQ ID NO: 7:
136     (i) SEQUENCE CHARACTERISTICS:
137         (A) LENGTH: 22 base pairs
138         (B) TYPE: nucleic acid
139         (C) STRANDEDNESS: single
140         (D) TOPOLOGY: linear
142     (ii) MOLECULE TYPE: other nucleic acid
143     (A) DESCRIPTION: /desc = "Oligodeoxyribonucleotide"
148     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
150 CCTGTGGTGG AAAGCTTTTG CG                               22
152 (2) INFORMATION FOR SEQ ID NO: 8:
154     (i) SEQUENCE CHARACTERISTICS:

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## RAW SEQUENCE LISTING

DATE: 08/19/2005

PATENT APPLICATION: US/09/137,822

TIME: 15:07:31

Input Set : A:\43930aen.app

Output Set: N:\CRF4\08182005\I137822.raw

155 (A) LENGTH: 22 base pairs  
156 (B) TYPE: nucleic acid  
157 (C) STRANDEDNESS: single  
158 (D) TOPOLOGY: linear  
160 (ii) MOLECULE TYPE: other nucleic acid  
161 (A) DESCRIPTION: /desc = "Oligodeoxyribonucleotide"  
166 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:  
168 TGTGTGGTGG AAAGCTTTTG CG 22  
170 (2) INFORMATION FOR SEQ ID NO: 9:  
172 (i) SEQUENCE CHARACTERISTICS: *last sequence in submitted file*  
173 (A) LENGTH: 22 base pairs  
174 (B) TYPE: nucleic acid  
175 (C) STRANDEDNESS: single  
176 (D) TOPOLOGY: linear  
178 (ii) MOLECULE TYPE: other nucleic acid  
179 (A) DESCRIPTION: /desc = "Oligodeoxyribonucleotide"  
184 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:  
186 CTTTGTGGTGG AAAGCTTTTG CG 22

EPO format is invalid  
for a U.S. application

09/137,822

4

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT: *↑ move up next to (i) APPLICANT: (responses MUST be on*

~~(A) NAME: Boehringer Mannheim GmbH~~

~~(B) STREET: Sandhoferstr. 116~~

~~(C) CITY: Mannheim~~

~~(E) COUNTRY: De~~

~~(F) POSTAL CODE (ZIP): 68305~~

~~(G) TELEPHONE: 0621 759 4348~~

~~(H) TELEFAX: 0621 759 4457~~

(ii) TITLE OF INVENTION: Small Triplex Forming PNA Oligos

(iii) NUMBER OF SEQUENCES: *(8) 9 (see p. 3)*

(v) ~~(iv)~~ COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk

(B) COMPUTER: IBM PC compatible

(C) OPERATING SYSTEM: PC-DOS/MS-DOS

(D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

(2) INFORMATION FOR SEQ ID NO: 1:

*insert these  
MANDATORY  
headers and  
responses for a U.S.  
case*

(1) CORRESPONDENCE ADDRESS:  
(A) ADDRESSEE:  
(B) STREET:  
(C) CITY:  
(D) STATE:  
(E) COUNTRY:  
(F) ZIP:

(10) CURRENT APPLICATION DATA:  
(A) APPLICATION NUMBER:  
(B) FILING DATE:

*insert these  
mandatory  
headers and  
responses for  
a U.S. case*

**VERIFICATION SUMMARY**

**PATENT APPLICATION: US/09/137,822**

**DATE: 08/19/2005**

**TIME: 15:07:32**

**Input Set : A:\43930aen.app**

**Output Set: N:\CRF4\08182005\I137822.raw**

L:7 M:220 C: Keyword misspelled or invalid format, [(i) APPLICANT:] of (1) line corrected  
L:8 M:238 W: Alpha Fields not Ordered, Reordered [(B) STREET:] of (1)(iv)  
L:11 M:220 C: Keyword misspelled or invalid format, [(F) ZIP:]  
L:12 M:220 C: Keyword misspelled or invalid format, [(A) TELEPHONE:]  
L:13 M:220 C: Keyword misspelled or invalid format, [(B) TELEFAX:]  
L:15 M:238 W: Alpha Fields not Ordered, Reordered [(ii) TITLE OF INVENTION:] of (1)  
L:19 M:220 C: Keyword misspelled or invalid format, [(v) COMPUTER READABLE FORM:]  
L:0 M:247 C: Inserted Optional Header Field, [(ix) TELECOMMUNICATION INFORMATION:]  
L:0 M:249 C: Inserted Mandatory Field, [(vi) CURRENT APPLICATION DATA:]  
L:0 M:249 C: Inserted Mandatory Field, [(A) APPLICATION NUMBER:]  
L:0 M:249 C: Inserted Mandatory Field, [(B) FILING DATE:]